Outfone BD351 User Manual

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Items in the Box

- Mobile Phone
- 1500mAh lithium-ion battery
- Travel charger
- External antenna of walkie-talkie
- T-FLASH card(electronic user manual inside)
- USB Data (charger) cable
- Stereo Earpieces

Safety Precautions

Please read the following safety guidelines before you use the phone. These guidelines enable you to operate your phone safely and conform to any legal requirements regarding the use of cellular phones.

- Do not to use the phone at a refueling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.
- Please use the phone away from children.
- Use the headset for talking while driving. In a emergency, find a safe place to stop first.
- Switch off your phone when in an aircraft. Before boarding a plane, make sure that your phone will not be switched on automatically.

- Electrical interference may obstruct the use of your phone. Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids. Observe restrictions in hospitals and near medical equipment.
- Unapproved accessories are not warranted.
- Do not disassemble the phone on your own. If your phone fails, please contact our designated service centers.
- Never charge your phone without a battery.
- Charge your phone in a well-ventilated environment, which is away from explosives and inflammables.
- To avoid demagnetization, keep your phone away from magnetic items such as discs and credit cards.
- Make sure that your phone does not come into contact with any liquid. If so, please remove the battery and contact our designated service centers.
- Avoid exposing the phone to extreme temperatures.
- Do not use any liquid or a wet cloth with strong detergent to clean your phone.
- This phone supports photo shooting and voice recording. Please use these functions in accordance with applicable laws and regulations. Unauthorized photo shooting and voice recoding may cause a violation of these laws and regulations.
- Do not hit, throw or roughly handle your phone to avoiding damaging its cover or internal components.
- This phone is resistant to water, dust, shock, and roller compaction. It is water-proof up to the IP57 protection level and has been tested to withstand a 2 M drop to a cement floor and rolling by a 1.5-ton vehicle. It is not

recommended that you perform these tests as we cannot warrant that the phone is unbreakable if subjected to overwhelming impact. For best results and long product life, you should protect it from water, drop and strong impacts. We accept no responsibility for any damage thus caused.

- The AresNavi folder on your T-FLASH card that comes with your phone stores important files such as mobile navigation map. Please back up the information stored in this folder and keep it in a safe place. Do not delete or alter the files to avoid the navigation software to malfunction.

Warning: We accept no liability for any consequences caused by improper use of the phone.

The contents of this user manual are subject to changes without prior notices.

Overview

About Your Phone

Wireless devices specified herein have been approved for use on GSM850, GSM900, GSM1800 and GSM1900MHz networks. For more information, consult your network service provider.

When using the functions of this phone, please observe laws and regulations, and respect local customs, and others' privacy and lawful rights and interests, including copyright.

You may be not allowed to copy, modify or transmit copyright-protected images, music and other content.

Your phone may have been preinstalled with bookmarks and links to third-party websites. You may also use the phone to access third-party websites.

Please note that these websites have no connection with us. By visiting these websites, please take necessary precautions.

To use any feature other than alarm clock, be sure to switch your phone first. Keep your phone switched off if the use of a wireless device may cause interference or danger.

Make backup copies of important information stored in your phone or maintain a written record. Before connecting your phone to another device, please refer to the user manual for the device for safety guidelines. Do not connect your phone to any incompatible device.

Network Devices

You can use the phone for calls only after you have obtained the necessary service from your network service provider. Many services necessitate support from network operators and you have to pay for these services.

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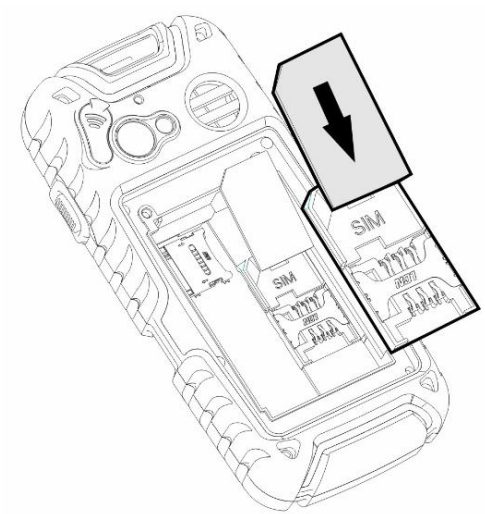
Chapter 1 Getting Started

Overview

1- Home screen
2- Left selection key
3- Call/Accept/Send key
4- Alphanumeric keys
5- Microphone
6- Earpiece
7- Navigation key
8- Right selection key
9- Power On/Off/End call key
10- GPS (torch) key
11- USB headset/charger port
12- Lanyard pillar
13- Screw hole of battery cover
14- Walkie-talkie Antenna holder
15- Camera lens
16- Lighting/photo/Flash lamp

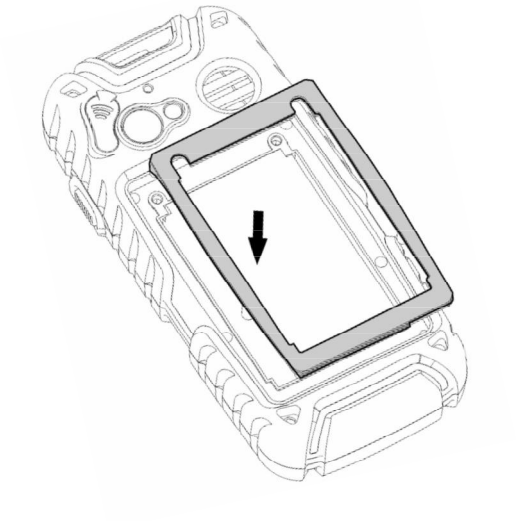


Inserting the SIM Card

Remove the back cover. Push the SIM card into the slot in the direction as shown in the

figure on the left.
Warning: Do not bend or scratch the SIM card. Protect it from static electricity, dust or water.

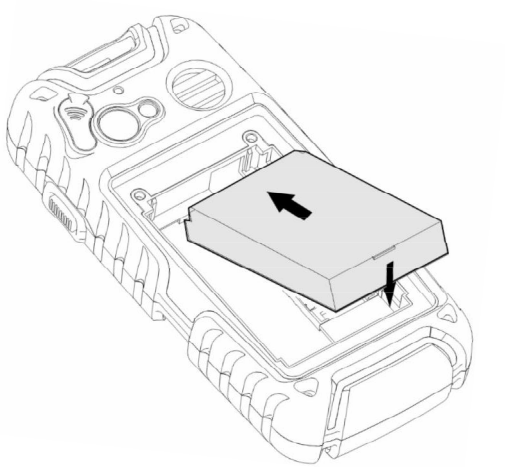
Note: The battery cover is waterproof and has two waterproof screws on the upper part. Use a coin or screwdriver to loosen or tight the cover. Turn the battery cover screws clockwise to lock the cover into position.(see the right figure)



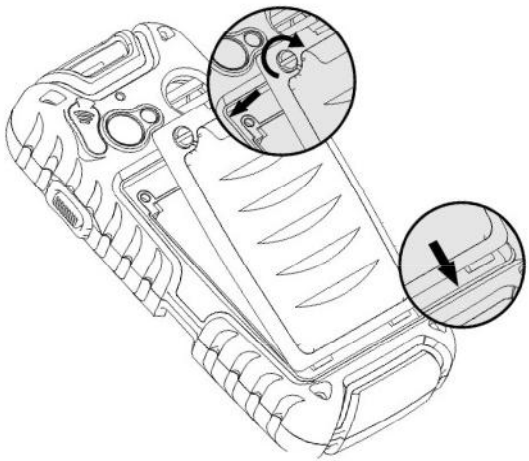
Lift the battery cover and its waterproof sealing ring may become loose. Before locking the battery cover, place the sealing ring back in place to ensure that the phone is water and dust-proof. (See the left figure)

Inserting and Removing the Battery

- Align the contact strips at the head of the battery with the contact poles in the battery compartment and then insert the battery.
- Push the bottom of the battery into the battery compartment until it clicks in place (see the right figure). Insert your fingernail in the narrow gap just above the battery top and lift out the battery.



◆ Place back the battery cover and tighten the battery cover fastening screws. (see the figure below.)



Charging the battery

◆ You can charge your phone battery by connecting it to your phone Power Adapter or a high-power USB port on your computer

◆ Open the USB water-proof rubber stopper on the left of your phone (see the figure on the right).

◆ If you're using a phone Power Adapter, connect your phone to

the adapter using USB cable that comes with your phone. Then plug the adapter into a working electrical socket;

- Your phone can be charged whether it is switched on or off. During charging, your phone displays a battery icon in the upper-right corner of the screen to show approximately how much charge is left. The battery stops charging when it's full.
- When the battery is fully charged, disconnect the phone. Cover the USB charging port with the rubber stopper to ensure that the phone is solidly waterproof and dustproof.

Caution:

- The full performance of a new battery is achieved only after several complete charge and discharge cycles. When the battery power runs down, charge it immediately. Excessive discharge may damage your battery.
- It is normal that the battery is slightly hot during charging.

Battery Usage

The battery performance may vary with different factors, such as your wireless network settings, signal strength, operating temperatures, the functions or settings you have selected and use, phone accessories, voice, data or other applications.

- Talking or backlight may consume more power than in the standby mode and will shorten the standby time.
- The GPS feature may consume more power.
- The walkie-talkie feature may consume a considerable amount of battery power.

For best battery performance, please observe the following rules:

- ◆ It takes much time to charge a new or fully discharged battery.
- ◆ During charging, keep the battery at or close to the room temperature.
- ◆ Rechargeable batteries support a limited number of charge cycles and may eventually need to be replaced. Battery life and the number of charging cycles vary by use and settings. Replace the battery with an original battery or a battery we have approved if the talk time is much shorter while the charging time is longer than normal. An unapproved battery may damage your phone and even cause danger.
- ◆ If the battery is left unused for a long time or the battery is fully discharged, it may take a few minutes before the charging indicator appears on the display.

Note: At the end of any operation on the charging (data) port, be sure to put back the water-proof stopper.
Please dispose of battery properly.

Warning: Battery short-circuit in any form may cause explosion, fire or bodily injury.

Switching On and Off

Do not switch on your phone where use of wireless devices or phones are not allowed.
Press and hold the power (on/off) key to turn on or off your phone.
Press the end call key to end a call.
Please enter the correct password as prompted and select **OK**. For example, the entered password may appear as **** on the display.

Volume

During a call, use the upper and down navigation keys to adjust receiver volume.

During music playback, use number keys **2** and **8** to adjust volume.

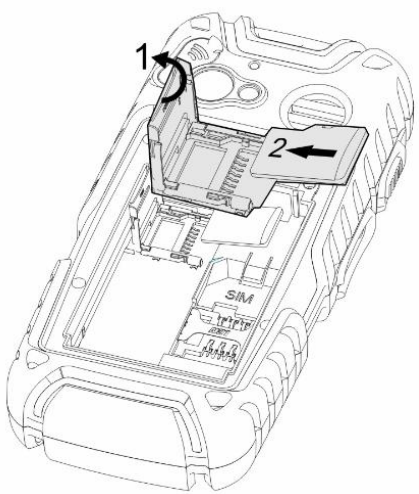
USB Usage

To view your device on a PC as an external hard drive, connect it to the computer with a compatible USB cable. Connect your phone to a high-powered port using the USB cable that comes with your phone. High-powered USB ports are typically found on your computer —not on your keyboard, which is low-powered. Select Mass storage as the connection model. Now you can transfer data between your phone and PC. To charge your phone using your computer, make sure that your computer is turned on.

Installing the TF Card

The card may be delivered with your phone or preinstalled in your phone.

1. Slide the TF holder leftward and push it upward.
2. Put the memory card into the holder.
3. Slide the TF holder rightward to place. (see the right figure)



Standby Mode

When the phone screen shuts off or your phone is powered on, your phone is in standby mode.

Installing the Walkie-Talkie Antenna

Install the antenna for long-distance two-way talks.

1. Screw off the antenna cap.
2. Open the antenna rubber stopper and lock the antenna into the phone, as shown in the figure on the right.

Chapter 2 Calls

Making a Call

- In the standby model, enter the phone number including the area code. To remove a number, press **Clear** key.
- Use the Call history to dial a recently dialed number in the call list.
- Dial the number from the **Names** . Refer to Phone Book.
- For international calls, press * twice. Enter the country code, area code (omit the leading zero if necessary), and phone number.

Answer or Reject a Call

- To answer an incoming call, press the **Call** key. To end a call, press the **End Call** key.
- To reject an incoming call, press the **End Call** key.

Call Procedures

During a call, press the left selection key to enable mute, hands-free, call hold, phone book, new calls, message, recording, and background sound features.
Silent: During a call, press the left selection key and select **Mute**. In this mode, you can still hear the other party but you are not heard. In standby mode, press and hold **#** to set the ring tone to silent.
Dialing a number: Enter a phone number using the number keys. Press the **Call** key to dial the number.
Hands-free: During a call, press the right selection key to activate the

hands-free feature and the voice is amplified.
Call hold: During a call, press the left selection key and select **Hold Call**, so that you cannot hear each other.
Phone Book: During a call, press the left selection key and select **Phone Book**. You can find your phone number, dial the number or send a short message to the number.
Add Call: To talk with a third-party during a call, press the left selection key and select **New Call**.
Recording: During a call, press the right selection key and select **Record** to record the ongoing call.
Background sound: To play a background sound to the other party, select **Options** > **Background Sound** to display a list of background sounds. Select the one you want.

Call Waiting

See Chapter 11 "**Settings** > **Call settings** > **Call waiting**".

Call History

See Chapter 3 "**Call History**".

Phone Book

See Chapter 7 "**Phone Book**".

Voice Mailbox

You may need to apply for this network service. For more information and voice mailbox number, consult your network service provider.

Edit: Edit or delete your voice mailbox number. Select **OK** to store the number.
Connect to Voice: Dial the voice mailbox number you have stored in the voice mailbox number list. If you have two phone numbers, each number can have its own voice mailbox number.

Cell Broadcast

Through this service, a network operator can send information such as weather report and traffic information to all GSM subscribers within a specified region.
Receive Mode: Enable or disable the function of receiving information.
Read Message: You must activate the related service to read broadcast messages.
Language: Set the language in which messages are received.
Channel Settings: Select or add, edit and delete a channel number.

Chapter 3 Call History

This phone records the phone numbers of missed, answered, and dialed calls. The phone records missed and answered calls only when your phone is switched on and covered by the network.

Through the list of missed, answered, and dialed calls, you can check the time and date of each call, edit or delete phone numbers or store numbers to the phone book.

Missed calls: A list of calls you have recently missed.

Dialed calls: A list of numbers you have recently dialed.

Received calls: A list of calls you have recently answered.

Delete Call log: You can delete Missed calls, Received calls, and Dialed calls stored in the call history, or Delete all.

Call Timers: Use this menu item to view the total time spent on the Last call, Dialed calls and Received calls or Reset all timers.

Call Cost: This features requires support from your network service provider.

Text message ounter: Check and delete sent and received messages.

GPRS Counter: Check the amount of GPRS traffic you have sent and received.

Chapter 4 Input Methods

The phone provides the following input methods: Pinyin, Stroke, Upper Case and Lower Case English, and numbers.
You cannot use all input methods at the same time. Check the indicator on the screen to determine the current method.
During text input, switch between input methods. To do so, press # consecutively until the indicator for your desired input method appears on the screen.

English

The following table lists keypad inputs in upper and lower-case English input mode.

Key	Character or Function
0	0, space
1	Character
2	ABC2; abc2
3	DEF3; def3
4	GHI4; ghi4
5	JKL5; jkl5
6	MNO6; mno6
7	PQRS7; pqrs7
8	TUV8; tuv8
9	WXYZ9; wxyz9

General operations in English input mode:

- Each key can be used to input a number of characters. Press a key continuously until your desired character appears;
- To enter an English punctuation mark or a special symbol, press * to display an entry box.
- Press # to switch between input methods;
- Press the **0** key once to enter a space.

Numbers

Press a number key to enter the related number.

Symbols

Press * to switch to the symbol input method. Select the symbols you want.

Chapter 5 SMS

Compiling and Sending SMS

1. On the home screen, select **Menu** > **Messaging** >Text message> **Write message**.
2. Enter the message in the text pane.
3. You can enter a new number or select from the Phonebook. You can select up to 20 recipients for the message.

Read and reply to SMS

1. To view received messages, select **Inbox**. On the View Messaging screen, press the **Call** key to dial the number of contact shown in the message or save the contact number to the phonebook.
2. To respond to a message, select **Options>Reply**. Write the reply message in the text pane.
3. Select **Options> Send**.

Chapter 6 MMS

Compiling and Sending MMS Messages

1. On the home screen, select **Menu** > **Messaging** >**MMS**> **Write message** > **Multimedia message.**
2. In the recipient pane, enter a phone number or email address. To use a phone number or email address from the memory, select **Search**.
3. Compose the MMS. Select **Edit** and write the message. To insert a file, select **Option** and the folder and file you want to add.
4. Select **OK** > **Send** or **Other**.
   Only a compatible phone can receive and display MMS messages. The display of messages may vary with the phone model.

Note:

The wireless network operator may limit the size of an MMS message. If an image exceeds the size limit, the phone may downsize the image for MMS sending.

Please check with your network service provider whether MMS is enabled and how to activate the service.

Chapter 7 Email

Configuring Email Accounts:

To create an e-mail account, select **Messaging** > **Email** > **Email accounts>Options>New account** on the home screen.
You can create or edit an email account.
For example, XXX@163.com.
Name: It can be anything.
User name: the same as the email address
Password: the same as your email password
SMPT server: specify the SMTP address, e.g. SMTP.163.com.
POP server: specify the POP3 address, e.g. POP.163.com.

Advanced Settings

Account settings:
Account name: anything
Data account: select the data account you have set earlier.
Reply address: the email address used for email reply
Use defaults for other options.

SMTP server settings:

Port: 25
Authentication: select **Open** to enter the Edit screen. Select **Yes** for 'The same as SMTP server'.

SMTP server and signature settings:

Use defaults for all.

Save your changes. Now you can start your email account.

Chapter 8 Phonebook

This device provides a phone book similar to a name card holder. Each contact stored in the phone contains the following information: three numbers (phone, home and office numbers), company name, email box, and fax number. Each contact in the SIM card can only store name and phone number.

Options: 7

Select **Menu** > **Phonebook** > **Search contact.**

Quick search: enter the first letter of a Chinese pinyin or English name in the Search Contact field. This brings you to the first record that meets the conditions. For example, enter "zsf" and you can quickly find the contact Zhang Sanfeng.

Add new contact: In the SIM card, one record can contain the name and phone number. In the phone, one contact record can contain the following items: name, phone number, home number, office number, email, fax number, and ring tone.

Copy all: copy all records in the phone or SIM card.

ExportImport: move contacts between the phone or SIM card and an external memory card (e.g. T-FLASH). An exported phonebook will be saved as a [.CSV] file, which can be opened using Excel. It is recommended that you store the exported phonebook in a memory other than the phone for future restoration.

Preferred storage: You can select SIM card or Phone memory as the storage location of phone numbers.

Storage Status: You can view the number of phone numbers stored in the SIM and mobile phone. The phone memory can store up to 1,000 phone numbers,

while the SIM card generally stores up to 250 numbers.

Chapter 9 Outdoor Tools

Air pressure, altitude, temperature

This phone provides air pressure, magnetic bearing and temperature sensors, which can measure the air pressure and altitude. Instructions:

- On the home screen, select **Menu>Organizer>Outdoor Tools** > **Outdoor** > **Air pressure** to show the current air pressure, next 6 hours weather forecast and temperature.
- Altitude is measured in meters.
- Air pressure is shown in hPa. 1 standard atmosphere pressure = 1013.25 hPa
- Temperatures are measured in ℃ and ℉. As the phone may generate large amounts of heat during and after talking, the temperature measured at this point may differ greatly from the ambient temperature. To obtain an accurate temperature, leave the phone untouched in the environment for more than half an hour.

Note:

- This phone provides a short-term weather report, which is based on a trend analysis of the air pressure data collected by the air pressure sensor over a period of time. Data in the report may change significantly after you switch on the phone or replace the battery.
- This weather report is used for reference only.
- The weather report may also differ widely from actual weather on a fast-moving vehicle.

Altitude Settings

As the altitude is derived from ISA data and the air pressure in the same place may vary with season and time, you may set a reference value according to road signs or maps. The phone will provide a more accurate measurement of altitude after the setting.

To do so, select **Menu>Organizer>Outdoor Tools** > **Outdoor** > **Air pressure>Options**>**Height settings,** Enter a reference height to correct the altitude based on air pressure or restore the reference to the initial value. The phone will calculate the current altitude according to this value.

Relative Height Settings

You can also measure the difference from a designated height, namely relative height. To designate a reference height, select **Menu > Organizer > Outdoor Tools** > **Outdoor** > **Air pressure > Options** > **Relative height settings** and set the current reference height to 0.

Note:

- The height gauge that comes with this phone uses an air pressure sensor to measure the air pressure and estimates the current altitude and relative height based on the difference between this value and the ISA. Therefore, the relative height at the same place may vary with the air pressure.
- The air pressure and height measurements offered by this phone do not apply to specialist or industrial use.
- This phone provides impermeability up to IP57 level. If you doubt the result, unplug the USB stopper to keep the air pressure consistent inside and outside the phone.

- Air pressure and altitude measured in a plane differs from the actual values as the air is compressed.

Electronic Compass

This phone has a high-precision magnetic bearing sensor, which can detect terrestrial magnetic field. The north shown on the display indicates the magnetic north, which differs slightly from the geographic north. The east, south, west and north directions are indicated by E, S, W and N respectively. The number shown on the compass indicates the included angle between the current phone direction and the magnetic north.

Note:

- The direction measured near a strong source of magnetic field may seriously distort the result of measurement . As such, avoid measuring the direction next to any of the following objects: permanent magnet (magnetic necklace), metals (metal door, window or machinery), high-tension line, antenna, and home appliances (TV, washing machine, refrigerator, acoustics, computer etc.)
- You cannot obtain an accurate result while in a train, ship or airplane.
- Nor can you obtain accurate results indoors, especially inside a concrete building, because metal frameworks may absorb magnetic force from home appliances.

Azimuth Alignment

Calibrate the electronic compass if you doubt the azimuth measurement.
To do so, on the compass screen, select **Menu** > **Organizer > Outdoor Tools >**

Compass. Place your phone horizontally and turn it clockwise for two rounds. Select **OK**.

Note:

- As the magnetic north deviates annually, note the time when a magnetic declination from a map or the Internet is produced. Select the closet data.
- Azimuth may also deviate in a bus due to metals and acoustics inside. To calibrate the azimuth, place the phone horizontally on a vehicle and enable **North Calibration**. Turn the phone clockwise two rounds. Select **OK**.

Satellite Positioning

GSP information received by the phone provides latitude, longitude, altitude, sunrise and sunset times, and local time zone and time.

Chapter 10 Tools

GPS Auto Time Check

This feature can be enabled and disabled. When this feature is enabled, the phone time will be corrected based on the accurate time from the GPS.

IMS Tool

The phone is preinstalled with the QQ application, which allows you to communicate with friends anytime within signal coverage.

Note:

To enable this feature, you must obtain GPRS service from your network service provider. This will incur data traffic and charges. For details, consult your local network operator.

Fun and Games

Select **Menu > Organizer > Fun & Games.**

JAVA

This phone provides a number of Java applications. You can also download and install more JAVA applications. This phone provides standalone games.

File Management

Select **Menu > Organizer > File manager.**
Move files between phone memory and another memory card.

Phone: phone memory
Memory card: T-FLASH card
This module allows you to manage folders that contain images, MP3 tracks, videos, voice records, and e-books.
Received: downloaded or received files will be stored in this folder by default.

Multimedia:
Select **Menu** > **Multimedia**.
Audio: voice records
- Play
- Use as
- Send
- Details
- Rename
- Copy
- Move
- Delete
- Delete all
- Mark several
- Sort by

Videos: video folder
- Play
- Use as
- Send
- Details
- Rename

Copy
Move
Delete
Delete all
Mark several
Sort by

Photos: photo folder

View
Use as
Send
Details
Rename
Copy
Move
Delete
Delete all
Mark several
Sort by

My Music: music files

Play
Use as
Send
Details
Rename
Copy
Move

Delete
Delete all
Mark several
Sort by

E-book: e-books

Select **Menu** > **Organizer** > **Ebook reader.**

Open an e-book
Details
Rename
Copy
Move
Delete
Delete all
Mark several
Sort by

Phonebook: a list of contacts

View
Edit
New folder
Send
Use as
Rename
Delete
Sort by
Mark several
Copy

Move
Delete all
Details

Tasks

Select **Menu > Organizer > Tasks.**
This list reminds you of your schedule through alarm clock or records your schedules. To view a note, select the note to view schedule details.
To add a note to the to-do list, do as follows:
Task type: use it to specify the type of task you want to add.
Date: enter the task date.
Task subject: enter schedule text in the space of the subject field.
Alarm: enable or disable alarm clock.
Repeat: you can select remind once, daily, weekly and monthly, or customize a reminder.
Priority: set the priority of a task.

Alarm

Settings:
Alarm On: press the left or right selection key to enable or disable this function.
Alarm time: press number keys to set the alarm time.
Repeat cycle: set up the phone to alarm on any day of week.
Alarm ring tone: set the alarm type and ring tone.
Snooze time: set up the alarm clock to alarm again when the snooze time expires.
Alarm type: vibrate, vibrate + ring tone, ring tone

Alarm time takes the same format as the clock time. The alarm clock will continue to work when your phone is switched off as long as your battery has sufficient charge. The phone provides 5 alarms, which are off by default. Enable one or all as required. You can set up the time and date for each alarm.
When the alarm time is up, the phone gives an alert tone and flashes the current time and date on the screen. Select **Stop** to stop ringing. Select **Sleep** to pause ringing. The phone will resume ringing in about four minutes.
The phone will ring if your phone is not switched off at the alarm time. Select **Stop** and you will be asked whether to switch on your phone. Select **No** to switch off your phone and **Yes** to connect your phone to the network for registration.

Calendar

The calendar enables you to view calendar details, and events on a past or future date.
Add event: Enter a new event and select **Finish**.
You must enter the following event information: start time, end time, subject, alarm, repeat, place, and priority.

Calculator

You can press number keys or select operators shown on the screen as required.
Note: The calculator in this phone is designed to perform simple mathematical calculations.

Unit Converter

This menu item allows you to convert weight and length between different units.

Currency Converter

Enter an exchange rate for conversion between the local currency and a foreign currency.

World clock

This feature shows times around the world.
The time in the following places can be displayed: Beijing, Tokyo, Vladivostok, Solomon Islands, Auckland, Kwajalein, Appiah, Honolulu, Anchorage, Vancouver, Phoenix, Mexico City, Santa Fe Bogota, San Diego, Buenos Aires, middle Atlantic, Praia, Lisbon, Madrid, Cape Town, Moscow, Abu Dhabi, Islamabad, Dacca, Bangkok, and Kuala Lumpur.

Ebook

You can read and edit .txt files in the EBOOK folder.

Torch

This feature can be enabled and disabled.
Note: Hold and press the central navigation key to enable and disable the torch.

Bluetooth

You can use the Bluetooth function to set up a wireless connection with a compatible device, which can be a mobile phone, computer, earphone or

vehicle-mounted unit. The Bluetooth function also allows you to transfer pictures, video clips, music tracks, voice clips and notes, or to set up a wireless connection with a compatible PC for file transfer.

As Bluetooth-enabled devices communicate via radio waves, you do not need to keep this device aligned with another device. Devices within a range of 10 meters (around 33 feet) can be connected wirelessly using Bluetooth technology. However, Bluetooth connectivity may be disrupted by walls or other electronic devices.

This phone supports Bluetooth 2.1.

Bluetooth may be unavailable in some locations. Please consult your local authority or service provider.

The use of Bluetooth technology or other functions using Bluetooth may consume battery power quickly and shorten battery life.

Bluetooth connectivity is unavailable when a device is not activated.

Instructions:

Activate Bluetooth: Select **Power On** to enable Bluetooth.

Search for handsets devices: use this function to search for hands-free Bluetooth devices around such as Bluetooth headset, and pair your phone with the found device by entering the passcode.

Remote control: When paired with a remote device, the phone can be used to remotely control the device.

My device: use this function to search for Bluetooth-enabled phones around and the located devices are lists on the screen of your phone.

Settings:

This Device Can Be Located: When enabled, this function allows your phone to be located by another Bluetooth device.
Device names: the name of this device or any other located Bluetooth phone, which can be changed.
Authentication requirement: When this feature is enabled, a request for connection with your phone from another device requires your authentication.
Audio path: use this item to set up whether to retain the sound in your phone or transfer it to another hands-free device.
Lock: disable Bluetooth connectivity to your phone.
Storage location: you can change the location of storing the files being transferred.
File transfer settings: set files to free access or read-only.
Image file transfer settings: set up a shared directory for other Bluetooth devices to access files in the directory.
My Bluetooth: show the basic information and functions of your mobile Bluetooth feature.

Stop Watch

You can choose between a typical stopwatch and a multidirectional stopwatch.
Typical stopwatch: separate timers, lap timer, time records
Multidirectional stopwatch: press up, down, left and right keys to start a timer. Press the central key or left soft key to pause or resume timing. In stop mode, press the reset key to clear the timer.

Other functions of your phone are still available during time.
Press the **End call** key to run the timer in the background. On the stopwatch

screen, you can view the results of timing.

Chapter 11 Settings

User Profiles

User profiles include **General**, **Meeting**, **Outdoor**, **Indoor**, **Headset**, **Bluetooth**, and **Flight mode**.

Each profile provides personal settings for your choice according to conditions.

Personalized settings:

Tone settings: set a ring tone for incoming calls, power-on and off, messages, and keystrokes.

Volume: set the ringtone and key press volumes.

Alert type: You can select Ring only, Vibrate only, Vibrate and Ring, Vibrate then ring.

Ring type: You can set the ring tone for your calls, SMS alerts, alarms, and calendar. You can select single ring type, repeated ring type, or ascending ring type.

Extra tone: You can set tones for warning, error, and connections. When a tone is selected, the box next to the tone is marked with a tick.

Answer Mode: When Anykey Answer is enabled, you can press any key to answer a call.

Note:

In flight mode, you cannot make or answer any call including emergency calls or use other network-based functions. To make a call, switch to another profile.

Network Settings

Network selection Automatic: You can select the network of a local telecom

network operator. By default, the network is automatically selected.
Preferences: If your phone cannot select a network automatically or you prefer to select the network of a designated network operator , enable this feature work.
GPRS Connection: You have two options: **When needed** and **Always**.

Personalized Settings

You can customize the following items: Greeting text, Wallpaper, Power on display, Power off display, Screen saver, Shortcuts, Dedicated key and Clock type.

Power-on/Off display

You can select a system or user defined animation or image as your power-on/off image.

Wallpaper and Screensaver

You can select wallpaper or screensaver stored in the system or download one for use. You can select your favourite wallpaper.

Shortcuts

You can add some frequently used functions to this item and use **Designate function keys** to assign these functions to any of the four direction keys for future quicker access.

Assign Function Keys

You can assign frequently used functions to the four direction keys. In standby

mode, press a direction key to access the function assigned to it.

Clock Type

You can select an analogical or digital clock.

Call Settings

Caller ID: When you make a call, you can select whether or not to display your ID to the receiver. This function requires network support.
Call Waiting: When the function is enabled and your phone is in conversation, the number is displayed when you receive an incoming call. To answer a waiting call, press the **Call** key. The first call will be held.
Call divert: This function allows you to divert a specified incoming call to a designated number. This function requires network support. The call divert options include: divert all incoming calls, divert calls if unreachable, divert calls if busy, divert all data calls, and cancel all diverts. You can do the following:

- On: set the number to which an incoming call is diverted;
- Off: cancel call forwarding.
- Query: query the status of this function.

After setting, you can cancel all diverts to disable the above functions.

Call Barring

The **Call Barring** submenu allows you to set the following car barring combinations to increase security. Certain network service providers may not offer such a service. For details, consult your network service provider. A network service provider will provide a 4-digit network password for you to enable car barring. This menu provides the following options:

- Outgoing calls: All outgoing calls or international calls or international calls except home can be barred.
- Incoming calls: All incoming calls or incoming calls while roaming can be barred.
- Activate All: activate call barring features.
- Cancel All: deactivate call barring features.
- Change barring password: You can change the barring password by entering a new password.

Line switching

You can switch between line 1 and line 2.

Advanced Settings

Blacklist: You can add numbers that may disturb you or you do not want to contact to your blacklist. Thus, calls from these numbers to your phone will be rejected.

Auto Redial: this function can be enabled or disabled. When auto redial is enabled, your phone will automatically redial up to ten times, if a call does not connect.

IP dial: you can set up to three IP access numbers. Select a number from the phonebook. Select **Options** > **IP Dial** to call the number prefixed by the IP access code.

Background sound: You can select different background music tracks while making calls.

Call Time Display: You can determine whether to display your call time.

Call Time Reminder: When this function is enabled, you receive a prompt at the

set time of every minute or periodically during a conversation. You can disable the function.

Auto quick end: This feature allows you to set a time limit for calls. When the limit expires, the call will be cut automatically.

Security Settings

SIM lock: You can limit the use of SIM card. You must enter the PIN to lock and unlock your SIM card. The PIN is delivered with the SIM card. Your SIM card will be locked if you entered an incorrect PIN consecutive three times. To unlock the card, you must re-enter a PUK code.

Phone Lock: You can use a password to lock and unlock your phone. When locked, your phone can only support emergency calls. You must enter the phone password for your phone to function.

Auto keypad lock: Use this item to lock the number keys area of your keypad to prevent you from dialling a number by accident.

Fixed Dial: When this function is enabled, you can only dial numbers in the fixed dial list. The list is stored in your SIM card. You must enter a correct PIN2 code to enable the feature.

The availability of this feature depends on your SIM card type and network service provider.

Barred dial: use this item to set numbers you cannot dial. This requires support from your SIM card.

Change Password: use this option to change the PIN and PIN2 of your SIM card, and the phone password.

Restore Factory Settings: select to reset the settings to the original factory

settings. The password for factory settings is **1122**.

Initial Settings

Time and Date: You set the city, time and date format, and 12/24-hour format, and update time according to time zone.
Schedule Power On/Off: You can set four timers.
Language: You can change the phone's interaction language by selecting your preferred language. This pone is preinstalled with Simplified Chinese and English, and Simplified Chinese by default.
LCD backlight: You can set the LCD backlight duration.

Chapter 12 Multimedia Applications

Camera

Photo: On the **Photo** screen, press the **OK** key to take a picture. To take another picture, press the key again. Your phone will store the photos in the album. This function allows you to take photos using the built-in camera. The camera lens is located on the back of your phone and your display serves as the image view. All photos are stored in JPG format. View these photos on your PC using suitable software.

If your phone memory is insufficient for taking new photos, delete some old ones or free the space using the **Filer Manager**.

Alternatively, you can press keys and select related options.

Album

All photos captured are stored in the album. Press up or down key to view the next or previous photo.

Album Options:

View: view the current photo.

Slide: show photos cyclically. You can also set the number of shows and show speed.

Edit: You can change the resolution and resize photos.

Send: This option allows you to send out the current photo via MMS, Email or Bluetooth.

Browse: You can display photos in a list or matrix.

Use as: set the current image as your phone's wallpaper, screen saver, power-on/off animation or an image for incoming calls.
Rename: change the name of an image.
Delete: delete a selected image.
Sort by: you can sort files by name, type, time, size or randomly.
Storage location: store files to the phone or memory card.

Music Player

Play a music track in the **My Music** folder stored in your phone or memory card.
Playback options: press the up key to play or pause; the down key to stop; the left or right key to move to the previous or next track.
Volume: use the 2 or 8 number key to adjust the volume.
Sound effects: You can select special efforts and bass enhancement. Special effects include: off, equalizer, echo, and stereo surround.
Panel settings: you can determine whether to display lyrics.
Bluetooth: select **Music Player** > **List** > **Options** > **Settings** > **Bluetooth** to enable or disable Bluetooth stereo.

Sound Recorder

You can create sound records in .amr, .awb and .wav formats.
Select **Sound Recorder**. On the recording screen, press the up navigation key to start and pause recording. Press the left selection key to continue recording and the right selection key to stop recording. You will be asked whether to save the record.
To play a sound record, select **List** > **Record Files**. Select **Play** to play the selected record.

About sound recording:

New record: create a new sound record.

List: view all records.

Play: play the stored record.

Extra: continue with the previously stored record.

Rename: change the name of your sound record.

Delete: select this option to delete the stored record.

User as: use it as ring tone.

Send: This option allows you to send out the current record file via MMS, Email or Bluetooth.

Settings: set the storage location, format and quality of your sound records.

Note: You cannot use the recorder during data communication or GPRS connection.

Video Recorder

You can create .3GP video clips.

To record a video clip, select the video record and press OK to start and pause recording. To continue recording after a pause, press OK. To store the video clip, select options in the lower right corner and you will be prompted whether to store the video.

About video recording:

Video Recorder Settings: This menu provides the following options: white balance, exposure compensation, night mode, and no flash.

Video settings: you can set the video quality, size limit, time limit, sound effects, and compression format.

Special effects: You can apply special effects to captured video clips.

Storage location: store a video clip to the phone memory or a memory card.

Restore defaults: If you select yes, your personal settings will be restored to factory defaults.

Video Player

Select the video player and the desired video clip to play the video stored in the file manager.
Press * to switch between horizontal and vertical full screen.

Video Recorder Options:

Play: play the selected video file.
Rename: change the name of the selected video file.
Delete: delete the selected video file.
Delete All: delete all video files from the video player.
Sort by: sort videos in different sequences.
Storage location: store a video to the phone memory or a memory card.

FM Radio

On the FM screen, you can listen to the radio either via headset or speaker. Press the down key to turn on or off the radio. When the radio is started, press the up key to search for stations automatically. Press the left and right keys to find radio stations.

FM Radio Options:

Channel list: You can select a channel from the list.
Manual input: type the frequency of your favourite radio channel.
Auto search: store all channels into the channel list.
Settings: enable or disable background playback, set up the player appearance or turn on/off the speaker.

Chapter 13 Network Services

This device supports WAP 2.0 protocols (HTTP and SSL)that run on TCP/IP protocols. Some features of this device, such as MMS, browsing, and e-mail required network support for these technologies

International Network Services

Homepage: The homepage refers to the WAP site you set.
Bookmark: open a list of bookmarks; you can browse, create, edit or delete a selected bookmark or set the home page.
Internet access history records: the websites you have visited.
Stored webpage: the web pages you have stored.
Enter website: You can input any WAP site address.
Service inbox: This item stores messages from your service provider.
Settings: You can set up your Internet browsing options. For a GPRS network, you can select your network operator.
Note:
GPRS requires network support and can be used only after you have required this features from your network service provider.

Data Account

GSM Data

Select one account and the following options are provided:

Account name: You can edit the name of the account.
Number: the account number
User name: Account name of the dialup server (not the WAP gateway)
Password: the password for the dialup server (not the WAP gateway)
Line type: You can select an analog or digital line.
Speed: You can select a suitable Internet transmission speed.
Primary DNS: enter the related address
Secondary DNS: enter the related address

GPRS Data

Select one account and the following options are provided:
Account name: You can edit the name of the account.
GPRS Access Point: cmwap or cmnet
User name: Account name of the dialup server (not the WAP gateway)
Password: the password for the dialup server (not the WAP gateway)
Authentication type: You can select the way of encryption for the authentication.

Chapter 14 Walkie-Talkie

The walkie-talkie module has been built in this device that works at 400-470 MHz. User can set up your walkie-talkie work frequency according to your country's law.

Walkie Talkie Antenna's Center Frequency: 435MHz

Communication Distance: 3-5 km in the open space(using original antenna)

Channel List: On the walkie-talkie screen, press the left and right keys to select channels.

Volume: On the walkie-talkie screen, press the up and down keys to adjust the speaker volume.

Power Adjust: Access the **Options** menu. You can select HI (high) and LO (low). By default, high power is selected.

Manual input SQ: This item allows you to adjust the squelch, which ranges between 1 and 8, with 1 indicating the highest level of sensitivity.

Set CTSS: This feature allows you to eliminate co-frequency interference signals. The item is 00 by default.

Note:

- You must use the walkie-talkie antenna delivered with your phone. Unauthorized antenna, which is altered or is fitted with additional accessories, cannot support the designed communication distance or may potentially damage the walkie-talkie.
- Do not remove the walkie-talkie antenna during working. Otherwise, the power tube (power amplifier) may easily be damaged during transmission.
- Hold your walkie-talkie upright and keep the speaker 2.5-5 cm far from your month during talking. Keep the device at least 2.5 cm far from your head or

body.

- Use the walkie-talkie feature properly. Do not touch the antenna area if not required.
- Be sure to disable walkie-talkie feature in an environment prone to explosion except that your phone is protected against explosion. An electric spark may cause explosion or a fire in explosive air.
- Your phone may consume a large amount of power in walkie-talkie mode.

Select Navigation > Walkie Talkie

- Setup working frequency
- make the device's back to face to your face
- Press Walkie Talkie key.

Receiving a Signal:

- The device is continuously in the RECEIVE mode when the Walkie-Talkie is on and not transmitting. To receive messages, release the Walkie-Talkie Call key.

Transmitting a Signal:

- Press Walkie-talkie Call key to TRANSMIT. The TX icon will display.
- To maximize clarity, hold the device in vertical position with the Microphone 2.5 to 5cm from the mouth.
- While holding the Walkie-talkie Call key, speak into the device using a normal tone of voice.

◆ Release the Walkie-talkie Call key when you have finished transmitting.

Note:

◆ Please abide by the law in your country when you change Channel.

◆ In order for other people to receive your transmission, they must also be on the same channel and CTCSS sub-channel (you can set its value from 0-38) you are currently using.

Changing Frequency

◆ In Walkie Talkie mode, the current channel number shows on the LCD screen, press the Navigation key button once,

*Press the Up Navigation / Down Navigation key to move between Transmitting Frequency and Receiving Frequency

*Press the Right or Left Navigation key to the position you want, input the number you want through numeric keypad. Valid frequency value is from 400.0000 to 470.0000MHz

◆ Press Navigation key to confirm

Changing GBW(Gain Bandwidth)

◆ In Walkie Talkie mode, the current channel number shows on the LCD screen, press the Navigation key button once,

◆ *Press * key to switch between a higher power and a lower power

*Press # key to adjust GBW and set its valued to be 12.5KHz or 25KHz.

Changing SQ

Change Squelch(SQ) eliminates unwanted interference during communication

you can adjust SQ value(from 1 to 8)

Adjusting Speaker Volume

- In WalkieTalkie mode, press the Up Navigation key to increase the Speaker Volume.
- Press the Down Navigation key to decrease the Speaker Volume.

Note: Since the channels are shared, your conversation will not be private and you may hear others talking.

Specifications

Basic Parameters	
Communication Band	GSM 850/900/1800/1900MHz
Screen size	2.0", QVGA, 240x320
Screen colour	16 million colours
Camera	2 mega pixel
Standby time	500 hours
Talk time	11 hours
Dimensions	120 mm x 54 mm x 24.8 mm
Weight	134g (excluding the battery and SIM card)
Basic Functions	
Messaging	SMS, MMS, group SMS
Phonebook	1,000 entries
Input method	Support Chinese and English, other languages(optional)
Bluetooth	Bluetooth 2.0, supporting stereo and data transfer
JAVA	JAVA 2.0
WAP	WAP2.0
Ring tone	Ringing, vibration, mute
Additional features	Alarm clock, calendar, calculator, schedule, stopwatch
Multimedia	MP3 audio and MP4 video playback, ADPCM voice recording, AVI video recording and playback, 3GP video recording/playing

Radio	FM radio via headset or built-in speaker.
Torch	To light up at night
Walkie-talkie function	
PTT Walkie-talkie	400-470 MHz over a distance of 3-5 km
GPS function	
Multinational GPS	Satellite navigation in over 70 countries
GPS positioning	Positioning and trace recording accurate to 2.5 m
Sunrise/sunset time	Sunrise/sunset time anywhere in the world
Time zone and time	Time zone and accurate time anywhere around the world; GPS-based accurate time
Sensing Devices	
Compass	Electronic compass
Air pressure, altitude, temperature	Air pressure, Altitude, Relative height and Temperature
Weather report	Short-term weather report
Tri-proof structure	
Resistant to dust and water	IP67
Resistant to drop	Related to 2m drop to concrete from any angle
Resistance to crush	Crushed over by a 1.5 ton truck
Memory Size	
Built-in memory	1GB+512MB
External memory	Support T-FLASH external memory card, up to 16GB

Standard Configuration	
Battery	1500 mAh
Travel charger	110/220 V travel charger
Headset	Low-noise headset
Antenna	External antenna of walkie talkie
Data cable	12-pin USB 2.0 data (charger) cable